

Comparisons of Job Characteristics

Focus Occupation: Graphic Designers (27-1024)

Associated Occupation: Prepress Technicians and Workers (51-5022)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 70

Focus Occupation: Graphic Designers (27-1024)

Associated Occupation: Prepress Technicians and Workers (51-5022)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Computers and Electronics	8.4	16.3	14.6	<	Expanded education and/or training may be required
English Language	11.2	14.1	13.7	0	Current knowledge level may be sufficient
Communications and Media	5.3	10.8	15.6	>>	Current knowledge level is likely more than sufficient
Design	5.2	7.3	19.4	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 61

Focus Occupation: Graphic Designers (27-1024)

Associated Occupation: Prepress Technicians and Workers (51-5022)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	8.3	3.8	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	5.9	1.0	<<	Extensive development of skills in this area may be required
Repairing	3.4	5.2	1.0	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Graphic Designers (27-1024)

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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Near Vision	11.1	11.6	10.8	0	Current ability level may be sufficient
Oral Comprehension	12.5	10.2	11.0	0	Current ability level may be sufficient
Oral Expression	12.4	9.8	11.2	>	Current ability level is likely sufficient
Problem Sensitivity	11.1	9.7	9.8	0	Current ability level may be sufficient
Information Ordering	9.9	9.0	9.4	0	Current ability level may be sufficient
Visualization	7.5	8.6	10.7	>	Current ability level is likely sufficient
Visual Color Discrimination	6.4	7.5	7.1	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Graphic Designers (27-1024)

Associated Occupation: Prepress Technicians and Workers (51-5022)

Work Activities	Exclusivity of Activity
Develop film or other photographic medium	87
Distinguish details in graphic arts material	78
Identify color or balance	69
Paste up materials to be printed	89
Prepare artwork for camera or press	85
Process photographic prints	85
Proofread printed or written material	73
Set page layout or composition	82
Use computer graphics design software	70
Use computers to enter, access or retrieve data	3

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Graphic Designers (27-1024)

Associated Occupation: Prepress Technicians and Workers (51-5022)

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.